

Notice of Allowability

Application No.

10/812,805

Examiner

Haissa Philogene

Applicant(s)

DEUK PARK ET AL

Art Unit

2828

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to application filed 03/29/04.
2. ☒ The allowed claim(s) is/are 1-4.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 03/29/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☒ Other attached paper.

Haissa Philogene
Primary Examiner
A.U. 2828

DETAILED ACTION

EXAMINER'S COMMENT

The IDS filed on 03/29/04 by Applicant is not considered because it is not in compliance with § 1.97, i.e., no concise explanation of relevance of the document and/or no copy of the English-language translation of the document, or portion thereof, was provided. Therefore, the examiner has lined through it.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows: In the Drawings, Figures 1 and 2 have been labeled as --PRIOR ART--.

Allowable Subject Matter

The following is an examiner's statement of reasons for allowance: The prior art fails to disclose a direct-type back light device having , inter alia, a capacitive circuit element comprising: a first common electrode provided along a first surface of the capacitive circuit element to be connected to a first end of the inverter; and a plurality of independent electrodes provided along a second surface of the capacitive circuit element, with each of the independent electrodes being connected to the first end of each of the fluorescent lamps, and the insulator having, along a surface thereof, a second common electrode to be connected to the second end of each of the fluorescent

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lamps, with the second common electrode being connected to a second end of the inverter (claim 1); or, each of first and second capacitive circuit elements comprising: a common electrode provided along a first surface of each of the first and second capacitive circuit elements to be connected to each of both ends of the inverter; and a plurality of independent electrodes provided along a second surface of each of the first and second capacitive circuit elements to be connected to each of the first and second ends of each of the fluorescent lamps (claim 2). The remaining claims 3 and 4 are allowed by virtue of their dependencies on the independent claims. Hence, the examiner has allowed claims 1 through 4.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Kim et al., Patent No. 6,586,863 ; Ohe et al., Patent No. 6,295,110 ; Kamata et al., Patent No. 6,177,768 ; McCanney, Patent No. 5,420,481 ; Winsor, Patent No. 5,914,560; Bang et al., Patent No. 6,843,584; Moon, Patent No. 6,796,678; Park et al., Pub.No. 20050134183.

None of the above patents discloses the capacitive circuit element as recited.

Correspondence

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Haissa Philogene whose telephone number is (571) 272-1827. The examiner can normally be reached on 6:30 A.M.-6:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, MinSun Harvey can be reached on (571) 272-1835. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

hp

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Primary Examiner
M. Philogene
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1/8

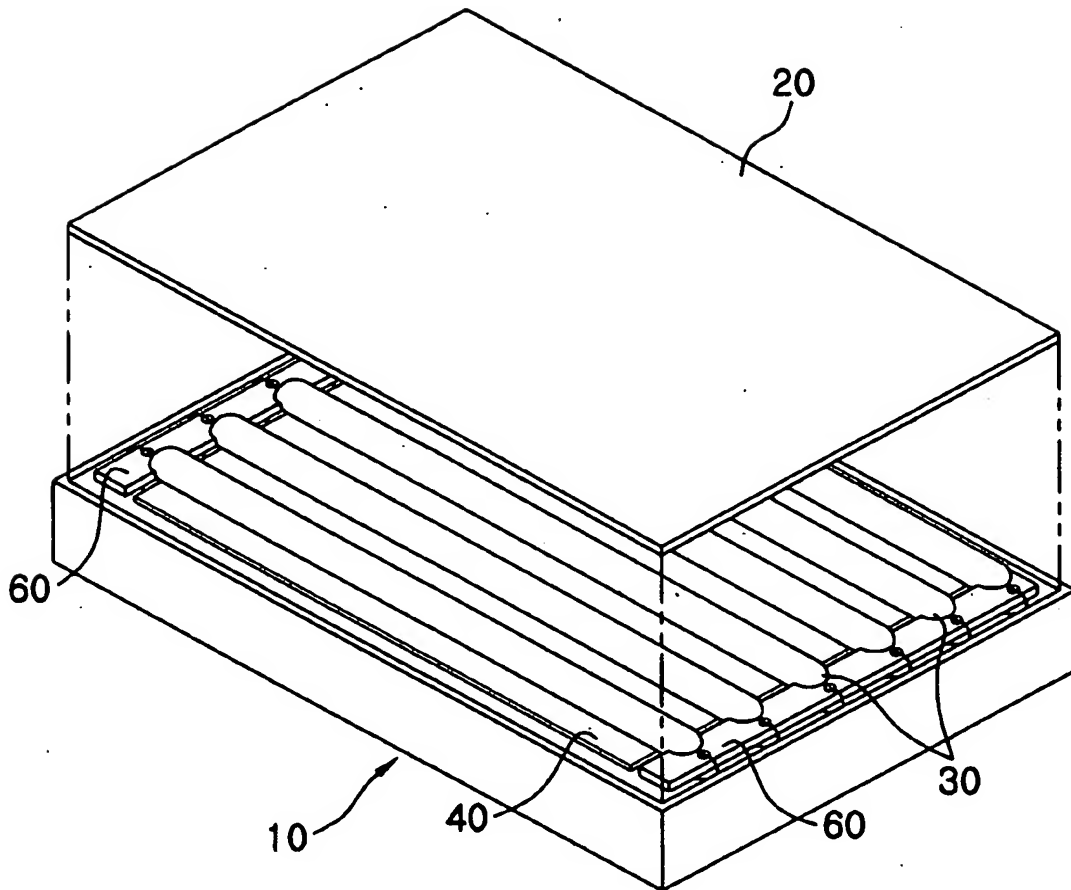


FIGURE 1

PRIOR ART

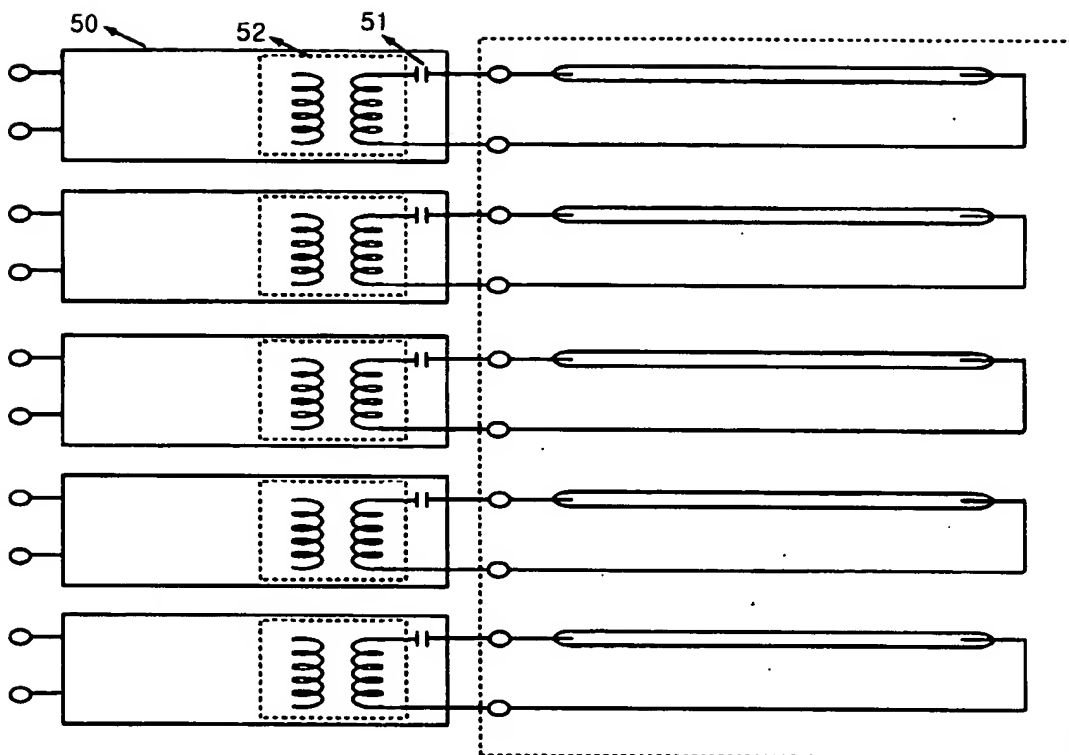


FIGURE 2

PRIOR ART